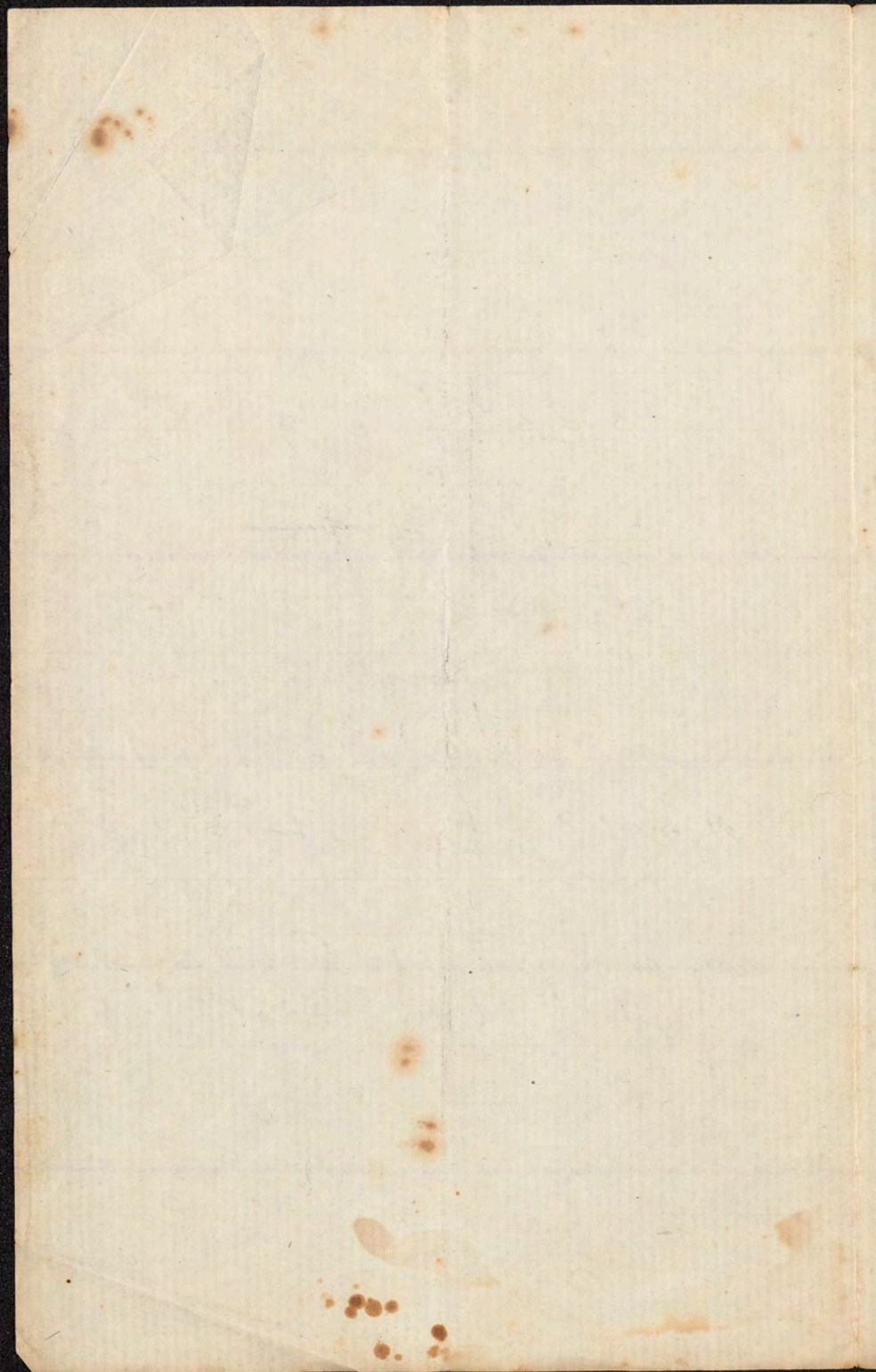
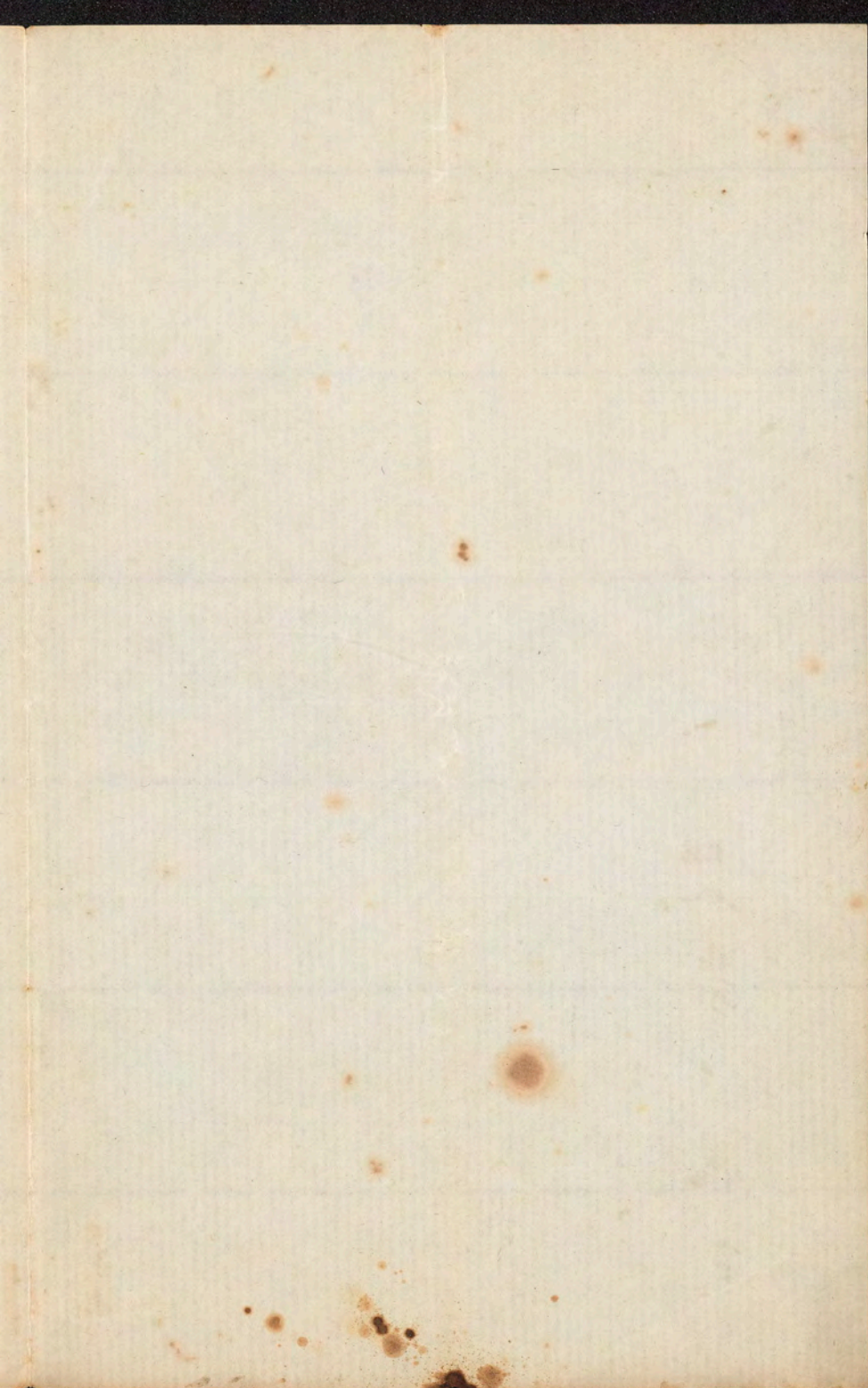


Biological
Questions

1858

For Biol. Department
of Acad. Nat. Sciences





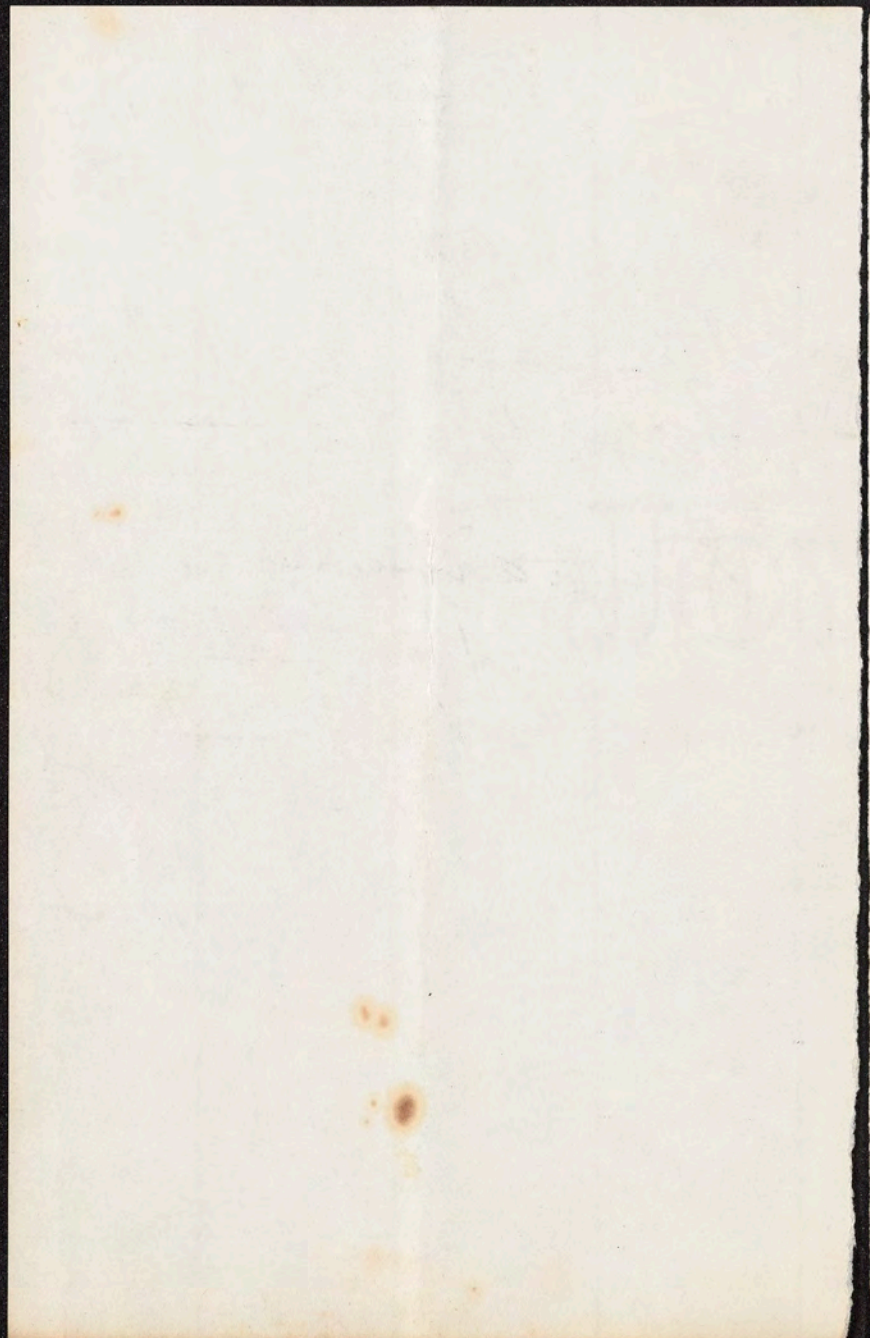
Biological

Questions, in Anatomy & Histology.

1 Is there, in comparative anatomy, any fixed relation between the size of the thyroid gland, and the development of the vocal apparatus?

Is the internal coat of the blood-vessels a serous, or a mucous tissue; or neither?

~~What would be the best
schedule for a new and simple
Anatomical Nomenclature?~~



Questions, in Micrology.

Is the statement of Jacobowitzsch correct, - of the constant bipolarity or fusiform shape of Sensory nerve-cells, - and of the presence of sensation-cells alone in the Medulla Oblongata?

¹ Have the air-vesicles of the human lung a true epithelial lining, as asserted by Dr Radcliffe Hall, or not?

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

Hygiene, (1) & in (2)
Questions, in Etrol., Pathol., Path. Anatomy.

(1) ¹In what relation does the ozone
-metric state of the atmosphere stand
to the fluctuating general mortality
of large ~~communities~~ communities?

(2) Are the morbid appearances
of fatal meningitis in children
most similar to those of membranous
croup, or to those of pulmonary tubercle?

(2) ¹What is the true value of the
microscopical appearances of the
sputa in the diagnosis between
Phthisis & Chronic Bronchitis?

(2) Is the temperature of the body, at the
axilla & under the tongue, really depressed
during the chill of ordinary intermittent?

(2)

Question 1. What is the difference between a

① A solid object has the same

volume that of the atmosphere

to the water, ground and

of large quantities?

② Are the water, atmosphere

of solid objects in children

most similar to those of

and is better than

③ What is the difference between

the atmosphere of the

water and the atmosphere of the

water and the atmosphere of the

water and the atmosphere of the

④ Is the difference between

water and the atmosphere of the

water and the atmosphere of the

Questions, in Embryol. & Teratology.

are double human monsters usually the result of the fusion of two germs, or of the excessive development of one?

¹ What are the most ~~conspicuous~~ cranial characteristics of congenital idiots?

Johnston & Co. 1843

to the

of the

of the

of the

of the

of the

of the

of the

Questions, in Physiology.

What is the true nature of the change which takes place in the shape & position of the human heart during its systole?

Is the rigor mortis, strictly, the last act of living tissue, or the first effect of physical change in that which is dead?

What is the physiological rationale of the tanning & browning of the human skin under the sun's influence?

1 What is the ^{comparative} effect of the different salts of ammonia upon the coagulability of the blood?

~~What is the nature of Rigor mortis?~~

Question - What is the nature of the
thing which the person who
wishes to be a person of the
kind, must be a person of the
kind? Is the answer, that it is
the fact of being a person of
the kind, which is the answer?
What is the answer to the
question of the nature of the
thing which the person who
wishes to be a person of the
kind, must be a person of the
kind? Is the answer, that it is
the fact of being a person of
the kind, which is the answer?

Questions, in Organic Chemistry.

What is the practical value of Farrod's Eudiometer?

Do Quinia, Cinchonia, Strychnia & Morphia, taken internally, cause a retardation of the metamorphosis of tissue?

1 What are the most constant variations in the excreta, during Inflammation and Fever?

Letter to James Church

My dear Mr. Church
I have the pleasure to
acknowledge the receipt of
your letter of the 10th inst.
and in reply to inform you
that the same has been
forwarded to the proper
authorities for their
consideration. I am, Sir,
very respectfully,
Yours,
J. B. Church

